



12, 14, 15, 16

Mount Vista Rd.


D-3(1) (DUAL FACED)
(VARIABLE x 16")

17, 19, 20, 21

Belair Rd.


D-3
(VARIABLE x 8")

18



R10-11B
(24" x 24")

13



LEFT TURN
YIELD
ON GREEN

●

R10-12
(36" x 42")

3a

R

Y

G

12''

1,4-11

R
Y
G

12''

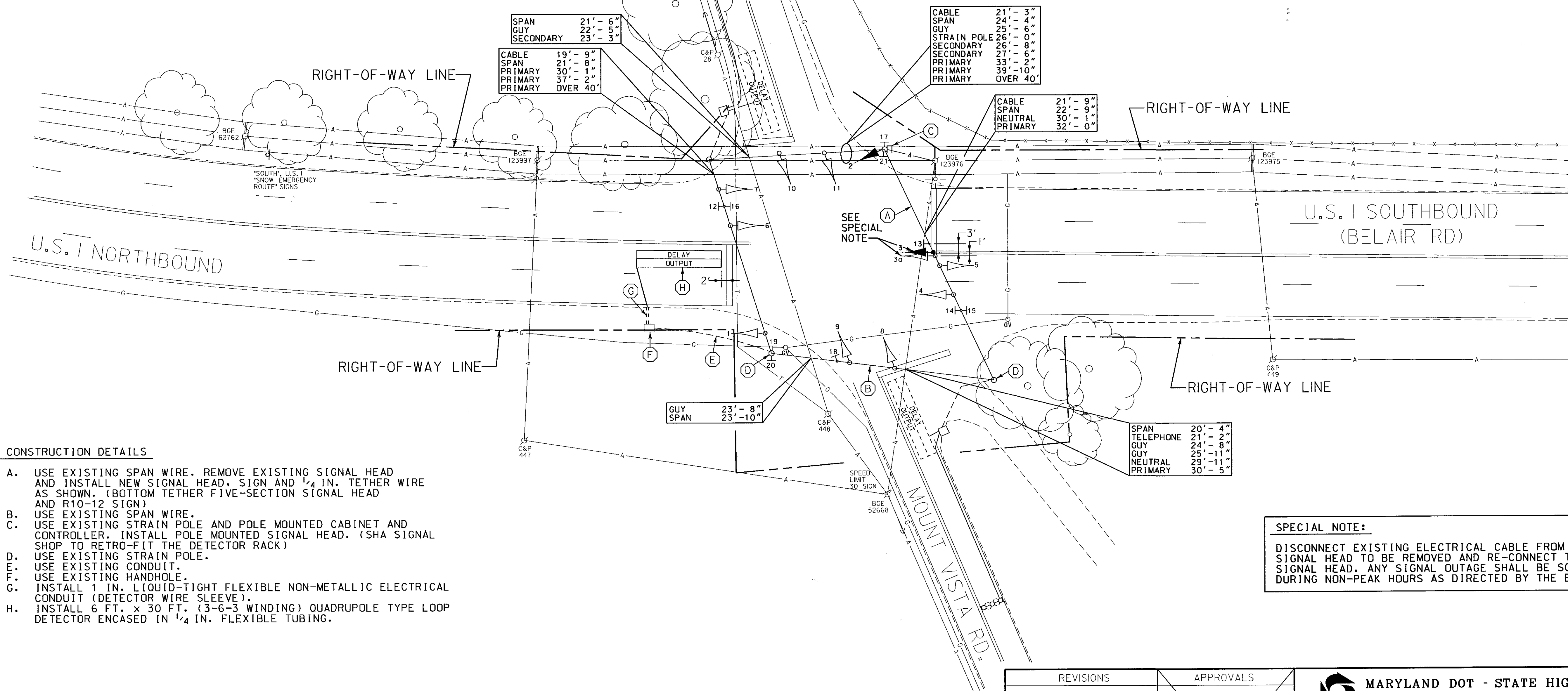
The diagram illustrates the 8-pointed star (PM PEAK) and the flashing operation. The 8-pointed star is composed of eight circular nodes arranged in a square pattern, labeled 0 1, 0 2, 0 4, 0 6, and 0 8. The nodes are connected by solid lines forming a square (0 1 to 0 2 to 0 4 to 0 8 to 0 6 to 0 1) and a diagonal (0 1 to 0 6). Dashed lines connect 0 2 to 0 4, 0 2 to 0 6, and 0 4 to 0 8. Each node contains a black arrow pointing in a specific direction: 0 1 (up), 0 2 (left), 0 4 (down), 0 6 (right), and 0 8 (up). A dashed line from the label (PM PEAK) points to the 0 1 node. To the right, a circular diagram labeled FLASHING OPERATION shows a circle with a horizontal and vertical dashed line intersecting at the center. Four arrows point outwards from the center along these lines: up, down, left, and right.

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

GENERAL NOTE

ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.



CONSTRUCTION DETAILS

- A. USE EXISTING SPAN WIRE. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW SIGNAL HEAD, SIGN AND 1/4 IN. TETHER WIRE AS SHOWN. (BOTTOM TETHER FIVE-SECTION SIGNAL HEAD AND R10-12 SIGN)
- B. USE EXISTING SPAN WIRE.
- C. USE EXISTING STRAIN POLE AND POLE MOUNTED CABINET AND CONTROLLER. INSTALL POLE MOUNTED SIGNAL HEAD. (SHA SIGNAL SHOP TO RETRO-FIT THE DETECTOR RACK)
- D. USE EXISTING STRAIN POLE.
- E. USE EXISTING CONDUIT.
- F. USE EXISTING HANDHOLE.
- G. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- H. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.

SPECIAL NOTE:

DISCONNECT EXISTING ELECTRICAL CABLE FROM EXISTING
SIGNAL HEAD TO BE REMOVED AND RE-CONNECT TO PROPOSED
SIGNAL HEAD. ANY SIGNAL OUTAGE SHALL BE SCHEDULED
DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	_____	A
ELECTRICAL	_____	E
TELEPHONE	_____	T
GAS	_____	G
SEWER	_____	SS
STORM DRAIN	_____	SD
WATER	_____	W
CABLE TV	_____	TV



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REVISIONS										APPROVALS									
										<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; right: 0; transform: rotate(45deg); font-size: 48px; opacity: 0.5;">ORIGINAL ON FILE</div> </div>									
										TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION									
										ASST. TRAFFIC ENGINEERING DESIGN DIVISION									
(E) ADD E/P PHASING FOR NORTHBOUND U.S. 1 AT 2885085										5/22/03									
SRB NML <i>[Signature]</i>										CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION									
(D) ADD MAIN LANE DETECTION B 153-501-477										I/96									
										DIRECTOR, TRAFFIC & SAFETY									




 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
U.S. 1 (BELAIR RD.) AND MOUNT VISTA ROAD

DRAWN BY: B. THOMPSON	F.A.P. NO.	TS NO.	
CHECKED BY: J. SPENCE	S.H.A. NO.	338 E	SHEET NO.
SCALE: 1" = 20'	COUNTY: BALTIMORE	T.I.M.S. NO.	
DATE: REDRAWN 1-19-95	LOG MILE:	F526	1 OF 2